
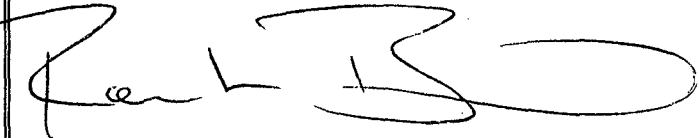


53883-335

2/5/2014

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 <b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460	EPA Reg. Number:  53883-335	Date of Issuance:  <b>FEB 05 2014</b>
	Terms of Issuance:  Unconditional	
	N+P Regulator	
<b>NOTICE OF PESTICIDE:</b> <u>  X  </u> Registration <u>      </u> Reregistration (under FIFRA, as amended)		
<b>Name and Address of Registrant (include ZIP Code):</b>  Control Solutions, Inc. 5903 Genoa Red Bluff Pasadena, TX 77507  Attention: James Messina, Authorized Agent, Exponent		
<b>Note:</b> Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.		
On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).  Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.  This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:		
Signature of Approving Official:  Reuben Baris Acting Product Manager (07) Insecticide-Rodenticide Branch Registration Division (7505P)	Date:  02/05/2014	

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Notice of Registration (continued)  
EPA Reg. No. 53883-335

- A. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
- B. Make the following label changes before you release the product for shipment:
  - 1. Revise your registration number to "EPA Reg. No. 53883-335."
- C. Submit storage stability (830.6317) and corrosion characteristics (830.6320) data within 18 months from the date of this registration notice.
- D. Per 40 CFR 156.10(a)(6), submit one (1) copy of the revised final printed label for the record before you release the product for shipment. As defined in 40 CFR 152.3, "final printed labeling" means the "label or labeling of the product when distributed or sold." Clearly legible reproductions or photo reductions will be accepted for unusual labels. Note that a clean copy of the master label in most cases does not meet the definition of final printed labeling.

**Reference to Website on Label**

Should you wish to add a reference to the company's website on your label, please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, **regardless of whether a website is referenced on your product's label**, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

**Confidential Statement of Formula**

The acceptable Confidential Statement of Formula (CSF) for this product is dated September 26, 2012 (Basic Formulation).

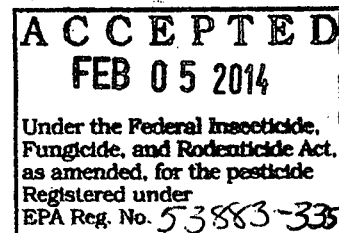
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Note that there are no data currently on file to support enhanced efficacy claims due to the inclusion of two active ingredients in the product, any direct or indirect marketing claims implying this enhanced efficacy are not allowed unless additional acceptable product performance data is submitted. Your release for shipment of the product constitutes acceptance of these conditions. If you have any questions or comments regarding this letter, please contact Jennifer Gaines by phone (703-305-5967) or e-mail ([gaines.jennifer@epa.gov](mailto:gaines.jennifer@epa.gov)).

Enclosures: 1. Stamped Label

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# N + P Regulator

[Alternate Brand Name: PIVOT®]  
 [Alternate Brand Name: Tekko]  
 [Alternate Brand Name: PIVOT® Pro]  
 [Alternate Brand Name: Tekko Pro]  
 [Alternate Brand Name: Concerto]  
 [Alternate Brand Name: PYRITEK]  
 [Alternate Brand Name: PYRITEKK]  
 [Alternate Brand Name: PYRITEKKO]  
 [Alternate Brand Name: PYROTEK]  
 [Alternate Brand Name: PYRINOV]  
 [Alternate Brand Name: ORCHESTRA]  
 [Alternate Brand Name: SYMPHONY]  
 [Alternate Brand Name: HARMONY]  
 [Alternate Brand Name: Novaprox]  
 [Alternate Brand Name: Pyrinova]  
 [Alternate Brand Name: Proxynova]  
 [Alternate Brand Name: Novoxyfen]  
 [Optional Generic Descriptor: IGR Concentrate]  
 [Optional Generic Descriptor: Dual Active Insecticide]



- *Inhibits reinfestation by fleas for up to 7 months.*
- *Reduces egg production in houseflies and prevents development of larvae into adults.*
- *Inhibits reinfestation by listed cockroaches for up to 6 months.*
- *Effective long-term control of Fleas, Roaches, Flies, Mosquitoes, Gnats, Crickets, Litter Beetles & Ants*
- *Photostable for up to 14 days*
- *For use on Furniture and Carpets*
- *For use in Animal Quarters, Kennels and Poultry Houses*
- *Treats up to 1,500 square feet [for use only on 1 ounce size]*
- *Treats up to 6,000 square feet [for use only on 4 ounce size]*
- *For indoor/outdoor use*

## ACTIVE INGREDIENT:

2-[1-Methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine (Pyriproxyfen).....	1.30%
Novaluron*.....	1.30%

<b>OTHER INGREDIENTS**:</b> .....	97.40%
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<b>Total</b>	<b>100.00%</b>
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\*Contains 0.10 lbs. Novaluron per gallon. \*\*Contains petroleum distillate

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# KEEP OUT OF REACH OF CHILDREN CAUTION

## FIRST AID

<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give any liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF IN EYES:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<p><b>Have the product container or label with you when calling a poison control center or doctor or going for treatment.</b> You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.</p> <p><b>NOTE TO PHYSICIAN:</b> Contains petroleum distillate; vomiting may cause aspiration pneumonia.</p>	

EPA Reg. No. 53883-GGL

EPA Est. No. 53883-TX-002

Net Contents \_\_\_\_\_

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

Harmful if swallowed or absorbed through skin. Do not breathe vapors or spray mist. Avoid contact with skin or eyes. In case of contact, flush with plenty of water. Wash with soap and warm water after use. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal or equipment washwaters.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

**For use in areas such as:**

Industrial Plants, Factories, Warehouses, Commercial Buildings, Condominiums, Apartments, Cabins, Day Care Centers, Mobile Homes, Homes, Hospitals, Hotels, Motels, Nursing Homes, Office Buildings, Other Public Buildings, Campsites, Gas Stations, Prisons, Rooms, Schools, Parks, Institutions, Jails, Sport Stadiums, Supermarkets, Taverns, Theaters, Morgues, Mortuaries, Crematoriums, Funeral Parlors, Mausoleums, Atriums, Attics, Bathrooms, Basements, Bedrooms, Porches, Closets, Draperies, Dressers, Kitchens, Porches Upholstered Furniture, Cabinets, Crawl Spaces, Carpet, Campers, Garbage Areas, Garbage Cans, Patios, Garages, Gazebos, Storage Areas, Floors, Furniture, Locker Rooms, Utility Room Indoor, Utility Room Outdoor, Washrooms;

Animal Quarters (enclosed premise treatment), Cat Living Quarters (enclosed premise treatment), Dog Houses, Dog Living Quarters, Dog Kennel Runs, Kennels, Pet Bedding, Pet Carriers, Pet Grooming Parlors, Pet Sleeping Areas, Pet Stores, Pet Quarters (enclosed premise treatment), Veterinaries, Zoos;

Candy Plants, Canneries, Bakeries, Breweries, Cereal Processing Facilities, Food Processing Plants, Food and Non-Food Warehouses, Cafeterias, Indoor Eating Establishments, Grocery Stores, Institutional Dining Areas, Flour Mills, Grain Storage Facilities, Outdoor Eating Establishments, Recreational Areas Outdoors, Restaurants, Dairies, Delicatessens;

Transportation Equipment (automobiles, boxcars, buses, boats, trucks, railcars, ship cargo holds);

Outdoor Areas and Surfaces Perimeters, including: Lawns and Around Foundation Walls.

## **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**Precautions:**

- For best results, follow directions for specific use areas.
- Do not use this product in or on electrical equipment due to possibility of shock hazard.
- Do not excessively wet carpet, draperies and furniture.
- Always test in an inconspicuous area prior to use as some natural and synthetic fibers may be adversely affected by any liquid product.

**Restrictions:**

- When used in hospital rooms, convalescent hospital rooms, and nursing home rooms, remove patients prior to treatment.
- Ventilate treated rooms thoroughly for two (2) hours after treatment. Do not return patients to treated room until after ventilation.

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**READ ALL DIRECTIONS COMPLETELY BEFORE USE.**

## **INDOOR USE**

### **CONTROL OF FLEAS**

The active ingredients in N + P Regulator are Novaluron and Pyriproxyfen, both are insect growth regulators. Insect growth hormones are naturally occurring in insects and N + P Regulator prevents the adult flea from developing. These properties will gradually result in the reduction and eventual elimination of the flea population. Flea eggs and flea larvae that come into contact with N + P Regulator will also not develop into adult fleas. N + P Regulator works for up to 7 months by inhibiting the development of the immature stages of the flea and preventing them from reaching the biting adult stage. N + P Regulator does not work on adult fleas and flea pupae that already exist.

**Note:**

- If a high population of adult fleas is present, it may be necessary to use an adulticide. N + P Regulator may be combined with an EPA registered flea adulticide.
- Application of N + P Regulator prior to the flea season will aid in reducing developing populations. Apply to areas where pets and other animals are known to frequent and where previous infestations have been known to occur to prevent the emergence of adult fleas and also control stages of fleas that don't resemble adult fleas.
- Before treatment, vacuum carpets, draperies and upholstered furniture. Dispose of vacuum bag in an outdoor trash receptacle.
- Remove pets prior to spraying treatment area.
- After treatment, do not allow children and pets into treated areas until spray has dried.

**Spray Mixing:** Prepare a diluted spray solution by adding 1 fluid ounce N + P Regulator per gallon of water. Partially fill the mixing container with water, add N + P Regulator, agitate and fill to final volume. Do not allow spray mixture to stand overnight. Agitate before each use.

**Use with an Adulticide Insecticide:** For immediate relief of adult fleas, N + P Regulator may be combined with an insecticide registered for control of adult fleas. This mixture will also inhibit the development of the immature stages of the flea for up to 7 months. Follow all precautions and use directions on both products. Use at the application rate specified in the table below.

**Note:** Do not allow children or pets to contact treated surfaces until spray has dried.

### **CONTROL OF COCKROACHES AND CRICKETS**

N + P Regulator will prevent nymphal cockroaches and crickets from developing into adults. After application, cockroaches with twisted wings will begin to appear indicating that they are unable to reproduce. When used as directed, cockroach and cricket populations will be eliminated. One treatment works for 6 months against hatching cockroaches and crickets.

If a high population of adult cockroaches are present, the use of an EPA registered adulticide may be necessary for immediate relief. N + P Regulator concentrate may be combined with a cockroach adulticide.

**Spray Mixing:** Prepare a diluted spray solution by adding 2 fluid ounces N + P Regulator per gallon of water. Partially fill the mixing container with water, add N + P Regulator, agitate and fill to the final volume. Agitate before each use. Do not allow spray mixture to stand overnight.

Use with an Adulticide Insecticide: For immediate relief of adult cockroaches, N + P Regulator may be combined with an insecticide registered for adult cockroach control. This mixture will also inhibit the development of the immature stages of the cockroach for up to 6 months. Follow all precautions and use directions on both products. Use at the application rate specified in the table below.

**Note:** This product cannot be mixed with any product containing a label prohibition against such mixing.

### **CONTROL OF STORED PRODUCT PESTS**

**(Including Indian Meal Moths, Rice Moths, Tobacco Moths, Red Flour Beetles, Confused Flour Beetles, Lesser Grain Borers, Merchant Grain Beetles, Saw-toothed Grain Beetles, Warehouse Beetles, Cigarette Beetles, and Dermestid Beetles)**

**Spray Mixing for Surface, Spot, Crack and Crevice Application:** Prepare a diluted spray solution by adding 1.5 fluid ounces of N + P Regulator per gallon of water. Partially fill the mixing container with water, add N + P Regulator, agitate and fill to final volume. Agitate before each spray application.

### **Food Handling Establishments:**

**(Places other than private residences in which food is held, processed, prepared, or served):**

Application is limited to space, general surface, spot, and/or crack and crevice treatment in food handling establishments where food and food products are held, prepared, processed and served. Space and general surface application may be used only when the facility is not in operation provided exposed food is covered or removed from the area being treated prior to application. Spot, and/or crack and crevice treatments may be used while the facility is in operation provided exposed food is covered or removed from the area being treated prior to application. Food contact surfaces must be thoroughly washed with an effective cleaning compound and rinsed with potable water after use of the product. Fogging applications are recommended for larger facilities including food and non-food warehouses.

**Food Serving Areas:** N + P Regulator may be used in food areas of food handling establishments, restaurants, or other areas where foods are commercially prepared or served. N + P Regulator may also be used in serving areas only when facility is not in operation or food is not exposed. Serving areas are areas where prepared foods are served, such as dining rooms. All food-processing surfaces and utensils must be covered during treatment or thoroughly washed before use. Food areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Repeat application in 90 days.

**Non-Food Areas:** N + P Regulator may be used to treat nonfood areas. Nonfood areas include areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling), walls and floors, under and between pallets, areas of machinery and equipment, mop and equipment closets, behind cabinets, under shelves and racks.

### **PREPARATION OF Adulticide and N + P Regulator Combination:**

N + P Regulator can be mixed with other EPA registered pesticides and used in accordance with the most restrictive of label limitations and precautions. No label dosage rates may be exceeded.

Tank Mixes: Make applications in accordance with those use precautions and label instructions that are consistent for each product. Prepare the tank mix using the label rate of adulticide and N + P Regulator by adding the adulticide first and making sure it is well mixed and in suspension, then adding the correct amount of N + P Regulator according to the label instructions below.

**Note:** This product cannot be mixed with any product containing a label prohibition against such mixing.

## Indoor Uses

Pests	Use Sites	Application Method	Application Rate	Use Directions and Restrictions
Control of Fleas*	General Surface Application	Low-pressure Sprayer	<u>Dilute spray solution:</u> 1 oz. per gal. of water  <u>Spray rate:</u> 1 gal. per 1,500 ft <sup>2</sup>	For use on carpets, furniture, pet sleeping areas & throw rugs, etc.  Repeat treatment every 7 months as necessary.
	Carpet Shampoo	Non-Heat Extracting Carpet Shampoo Equipment	<u>Dilute instructions on carpet shampoo:</u> 1 oz. per gal. (7.8 ml/L) of diluted shampoo  <u>Application rate:</u> 1 gal. of diluted shampoo per 1,500 ft <sup>2</sup> (139 m <sup>2</sup> )	May also be used with a liquid, non-heat extracting carpet shampoo application.  Allow carpet to completely dry and vacuum thoroughly.
	Kennels and Doghouses (building, resting areas, walls, floor, animal bedding & run areas)	Adjustable Hose-End Sprayer, Tank Type Sprayer, Sprinkling Can or Low Pressure Sprayer	<u>Dilute spray solution:</u> 1 oz. per gal. of water  <u>Spray rate:</u> 1 gal. per 1,500 ft <sup>2</sup>	Remove animals before treating.  Treat pets and their bedding with EPA registered flea and tick control products, flea or flea and tick collar, pet powder, pet spray, pet dip, pet shampoo, flea shampoo or flea and tick pet shampoo, in conjunction with this application as part of a complete flea control program.  Repeat N + P Regulator application at 7 month intervals or as needed. Follow use directions for other EPA registered products that are used in conjunction.  Do not return animals to treated areas until spray has dried completely.
Control of German, Asian, and Brown Banded Cockroaches and Crickets	General Surface Application, including, Crack and Crevice	Low-pressure Sprayer	<u>Dilute spray solution:</u> 2 oz. per gal. of water  <u>Spray rate:</u> 1 gal. per 1,000 ft <sup>2</sup>	Contact as many insects as possible. Thoroughly spray all areas where these pests may hide paying attention to places such as beneath sinks, behind and beneath stoves and refrigerators, cracks and crevices, around garbage cans, cabinets, along the outside of baseboards, door and window sills, door and window frames and floors, around and on drains, pipes, plumbing, behind bookcases, storage and other utility installation areas, infested furniture and the inside of cabinets and closets.  Repeat treatment every 6 months as necessary.



Pests	Use Sites	Application Method	Application Rate	Use Directions and Restrictions
Control of Stored Product Pests**	General Surface Application, including Crack and Crevice Food Serving Areas/ Surfaces, Non-food Serving Areas/ Surfaces	Pressurized spray system capable of delivering a pin-point or variable spray pattern  Low Pressure Sprayer	<u>Dilute spray solution:</u> 1.5 oz. per gal. of water (11.7 ml/L)  <u>Spray rate:</u> 1 gal. per 1,500 ft <sup>2</sup> (27 ml/m <sup>2</sup> )	For treatment of food processing and food handling establishments and in food and nonfood storage warehouses repeat application in 90 days.  (Places other than private residents in which food is held, processed, prepared, or served)  <b>Crack and Crevice applications</b> may be made directly to cracks and crevices, baseboards, floors, ceilings, walls, expansion joints, molding, areas around water and sewer pipes, voids where pests can hide and similar areas. <b>Spot treatments</b> may also be made to storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment, shelves, drawers and similar areas.  Contact as many insects as possible.
	Fogging Appl.	ULV equipment, mechanical misting sprayers, aerosol generators, or thermal foggers	Follow the equipment manufacturer's solution preparation instructions. N + P Regulator may be diluted with water or petroleum distillate.  <u>Application rate:</u> 1.5 oz. (44.3 ml) per 12,000 cubic feet (340 m <sup>3</sup> )	Close area to be treated and shut off all ventilation Systems. Apply the product in the air and direct fog or mist toward all areas that may harbor target pests. After treatment, leave the room closed for 30 minutes or longer as recommended by the equipment manufacturer or the labels of other products applied in tank mixing. Do not remain in treated area. Ventilate thoroughly before reentry.
Control of Ants	General Surface Application	Low Pressure Sprayer or Similar Application	<u>Application rate:</u> 2 oz. per gal. of water per 1,000 ft <sup>2</sup>	Apply N + P Regulator to interior areas of a building where ants are actively foraging. Refer to outdoor uses for associated outdoor application instructions.  N + P Regulator may be used in a tank mix combination with an EPA registered adulticide insecticide, or as an alternating treatment with adulticide insecticide.  Repeat treatments may be made 14 days after previous treatment, or if heavy rainfall occurs.

Pests	Use Sites	Application Method	Application Rate	Use Directions and Restrictions
Control of Flying Insect Pests	Livestock, Poultry Housing and Pet Kennels	General Surface, Fogger/ULV, Crack and Crevice and Spray	<u>Application rate:</u> 1 oz. per gal. of water per 1,500 ft <sup>2</sup>	<p>Treat all areas where flying insects may collect, rest or breed, including vertical walls, ceilings, pipes, conduit, stalls, stanchions, floors, and walkways. When N + P Regulator is used alone, treatments can be extended to animal bedding, manure, and other potential areas where flying insects may breed.</p> <p>For surface applications, thoroughly wet floors, walls, ceilings, doors, around windows, garbage and refuse areas. When used as directed, N + P Regulator will not harm beneficial insects in animal litter or bedding, such as predatory wasps. Control will be enhanced when facilities are cleaned and interior applications are supplemented with exterior perimeter treatments.</p> <p>Restrictions:</p> <ul style="list-style-type: none"> <li>• Do not treat birdcages or stock pens when animals are present.</li> <li>• Do not make interior applications of N + P Regulator in areas of facility where animals are present.</li> <li>• Do not apply directly to any natural bodies of water such as ponds, lakes, streams, rivers, marshes, potholes, and estuaries.</li> <li>• Do not allow animals back in treated areas of facility until treated areas have dried.</li> <li>• Do not contaminate or apply to food or foodstuffs, water or watering equipment.</li> </ul> <p>If needed, repeat 14 days after previous treatment or if heavy rainfall occurs.</p>

\* This product is just part of a complete flea control program. To further prevent the introduction of adult fleas, pets and their bedding should also be treated with an EPA registered flea and tick control products, flea or flea and tick collar, pet powder, pet spray, pet dip, pet shampoo, flea shampoo or flea and tick pet shampoo, in conjunction with this application as part of a complete flea control program.

\*\* Indian Meal Moths, Rice Moths, Tobacco Moths, Red Flour Beetles, Confused Flour Beetles, Lesser Grain Borers, Merchant Grain Beetles, Saw-toothed Grain Beetles, Warehouse Beetles, Cigarette Beetles, and Dermestid Beetle

# OUTDOOR USE

## CONTROL OF FLEAS

Apply N + P Regulator dilution to areas where pets normally frequent including but not limited to under trees, ornamental plants, and shrubs. Application on soil surfaces will provide 21 days of IGR activity. If large populations of adult fleas exist, treat the lawn area with an EPA registered lawn treatment product to kill adult fleas.

Spray Mixing: To prepare a diluted spray solution, mix 1.0 fluid ounce N + P Regulator in a sufficient volume of water (minimum amount of water 1 gallon), depending on spray equipment used, to cover 1,000 ft<sup>2</sup>. Partially filling the sprayer with water, add N + P Regulator, agitate and fill with water to the final volume. Agitate before each spray.

Use with an Adulticide Insecticide: For immediate relief of adult fleas, N + P Regulator may be combined with an insecticide registered for control of adult fleas. This mixture will also inhibit the development of the immature stages of the flea for up to 7 months. Follow all precautions and use directions on both products. Use at the application rate specified in the table below.

## CONTROL OF FLYING INSECTS

N + P Regulator may be used for the control of HOUSE FLIES, STABLE FLIES, MOTHS, MOSQUITOES, NUISANCE FLIES (GNATS, MIDGES) and other similar flying pest insects such as those classified as Dipterous or Hymenopterous.

General Surface Treatments: N + P Regulator causes a decrease in the number and hatching of eggs laid by treated adults. Fly larvae (maggots) treated with N + P Regulator cannot develop into normal adults. The use of N + P Regulator will result in a reduction in adult fly populations after 3-4 weeks, at the time when previously hatched adult flies have died naturally.

N + P Regulator may be used for control of flying insect pests in, on and around buildings as described in the use table. These areas include, but are not limited to residential, commercial, public, industrial and agricultural buildings. N + P Regulator may be used to control nuisance flies, gnats, midges, and mosquitoes by application into moist breeding areas (potted plants, moist debris or litter) or into areas holding standing water such as gutters, drains, pools and fountains.

Treatments in Combination with an Adulticide: Use N + P Regulator in alternation or in a tank mix combination with an adulticide insecticide for quick knockdown and more rapid control of adult flying insect pests. As an IPM strategy, combining or alternating N + P Regulator with other types of chemicals, such as pyrethroid or other insecticides to reduce or prevent the development of genetic resistance to these adulticide insecticides.

## CONTROL OF COCKROACHES AND CRICKETS

N + P Regulator will prevent nymphal cockroaches and crickets from developing into adults. After application, cockroaches with twisted wings will begin to appear indicating that they are unable to reproduce. When used as directed, cockroach and cricket populations will be eliminated. One treatment works for 6 months against hatching cockroaches and crickets.

If a high population of adult cockroaches are present, the use of an EPA registered adulticide may be necessary for immediate relief. N + P Regulator concentrate may be combined with a cockroach adulticide.

**Spray Mixing:** Prepare a diluted spray solution by adding 2 fluid ounces N + P Regulator in a sufficient amount of water (minimum amount of water 1 gallon) to cover 1,000 ft<sup>2</sup>. Partially fill the mixing container with water, add N + P Regulator, agitate and fill to the final volume. Agitate before each spray. Do not allow spray mixture to stand overnight.

**Use with an Adulticide Insecticide:** For immediate relief of adult cockroaches, N + P Regulator may be combined with an insecticide registered for adult cockroach control. This mixture will also inhibit the development of the immature stages of the cockroach for up to 6 months. Follow all precautions and use directions on both products. Use at the application rate specified in the table below.

**Note:** This product cannot be mixed with any product containing a label prohibition against such mixing.

**PREPARATION OF Adulticide and N + P Regulator Combination:**

N + P Regulator can be mixed with other EPA registered pesticides and used in accordance with the most restrictive of label limitations and precautions. No label dosage rates may be exceeded.

**Tank Mixes:** Make applications in accordance with those use precautions and label instructions that are consistent for each product. Prepare the tank mix using the label rate of adulticide and N + P Regulator by adding the adulticide first and making sure it is well mixed and in suspension, then adding the correct amount of N + P Regulator according to the label instructions below.

**Note:** This product cannot be mixed with any product containing a label prohibition against such mixing.

## Outdoor Uses

Pests	Use Sites	Application Method	Application Rate	Use Directions and Restrictions
Control of Fleas*	Lawns, Under Trees, Ornamental Plants & Shrubs	Adjustable Hose-End Sprayer, Tank Type Sprayer or Sprinkling can	1.0 oz. in a sufficient amount of water (minimum 1 gal.) to cover 1,000 ft <sup>2</sup>  <u>Spray rate:</u> 1 tsp. per gal. will cover 333 ft <sup>2</sup>	<p>As a spot treatment for areas where pets normally frequent, but not limited to under trees, ornamental plants and shrubs.</p> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>Do not allow the spray mixture to stand overnight.</li> <li>Do not spray when wind conditions could create a mist to blow back to applicator.</li> <li>Do not apply this product in or around bodies of water.</li> <li>Do not soak young or flowering plants.</li> <li>Remove animals prior to spraying treatment area.</li> <li>Do not allow animals or children to return to treated areas until spray has dried completely.</li> </ul> <p>Repeat application in 21 days.</p>
Control of Cockroaches	Perimeter Treatments	Low-pressure Sprayer	2 oz. in a sufficient amount of water (minimum of 1 gal.) to cover 1,000 ft <sup>2</sup> in a band 2 to 4 ft wide adjacent to & around structure.	<p>Apply at a height of 2 to 3 feet on the foundation where pests may be active or may find entrance. Apply spray around window frames, doors, garage doors, patios, decks, carports, shutters, around garbage areas, sill plate and other areas where cockroaches may congregate.</p> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>Do not spray into the air; only spray onto the specific use sites.</li> <li>Do not apply when windy.</li> <li>Do not apply this product in or around bodies of water.</li> </ul> <p>Repeat at 6 month intervals.</p>
Control of Ants	Perimeter or Around Foundation Walls	Low Pressure Sprayer or Similar Application	2 oz. in a sufficient amount of water (minimum of 1 gal.) to cover 1,000 ft <sup>2</sup>	<p>Apply N + P Regulator to exterior perimeter or around foundation walls where ants are actively foraging and in a band 6-10 feet wide adjacent to the foundation wall of the building. Refer to indoor uses for associated indoor application instructions.</p> <p>N + P Regulator may be used in a tank mix combination with an EPA registered adulticide insecticide, or as an alternating treatment with adulticide insecticide.</p> <p>Repeat treatments may be made 14 days after previous treatment, or if heavy rainfall occurs.</p>

Pests	Use Sites	Application Method	Application Rate	Use Directions and Restrictions
Control of Flying Insect Pests	Livestock, Poultry Housing and Pet Kennels	General Surface, Fogger/ ULV, Crack and Crevice and Spray	1 oz. per gal. of water per 1,500 ft <sup>2</sup>	<p>Apply to outside surfaces of buildings, porches, patios, garages and other areas where these pests have been seen or found. To help prevent infestations of buildings by flying insects, treat soil, vegetation or other substrates in a band 6-10 feet wide adjacent to the building foundations, walls, around doors and windows, and overhead areas where these pests are active and may find entrance or harborage.</p> <p>For surface applications, thoroughly wet floors, walls, ceilings, doors, around windows, garbage and refuse areas. When used as directed, N + P Regulator will not harm beneficial insects in animal litter or bedding, such as predatory wasps. Control will be enhanced when facilities are cleaned and interior applications are supplemented with exterior perimeter treatments.</p> <p><b>Restrictions:</b></p> <ul style="list-style-type: none"> <li>• Do not treat birdcages or stock pens when animals are present.</li> <li>• Do not make interior applications of N + P Regulator in areas of facility where animals are present.</li> <li>• Do not apply directly to any natural bodies of water such as ponds, lakes, streams, rivers, marshes, potholes, and estuaries.</li> <li>• Do not allow animals back in treated areas of facility until treated areas have dried.</li> <li>• Do not contaminate or apply to food or foodstuffs, water or watering equipment.</li> </ul> <p>If needed, repeat 14 days after previous treatment or if heavy rainfall occurs.</p>

\* This product is just part of a complete flea control program. To further prevent the introduction of adult fleas, pets and their bedding should also be treated with an EPA registered flea and tick control product.

## OTHER USES

### **FOR CONTROL OF LITTER BEETLES (Such as Darkling, Hide and Carrion Beetles):**

N + P Regulator can be applied to litter, such as in poultry houses infested with litter beetles, to break the lifecycle of these insect pests. Make uniform application of N + P Regulator to litter at the rate of 1 oz. of product in a sufficient amount of water (minimum of 1 gallon) to cover 1,000 ft<sup>2</sup> using a low pressure sprayer or similar applicator to achieve thorough coverage.

Remove the old litter and animals from immediate treatment area. Make surface treatment immediately after animals are removed and again just prior to new animal placement, making sure to treat areas where beetles frequently occur, such as walls, supports, cages, stalls and around feeders. Application of EPA registered adulticides, to kill adult egg-laying beetles, to walls and floors at cleanout and before reintroduction of animals, will suppress beetles that escaped earlier treatment and will help delay onset of future infestations. Cover or remove exposed food, feed, water and watering equipment.

Apply N + P Regulator uniformly to floor area and to walls, posts, and cage framing (birds grown in cages only). Application should also be made into cracks and crevices around insulation. Reapply after each grow-out or sanitization procedure. Make perimeter treatments around the outside of building foundations to prevent immigrating adult beetles. Apply N + P Regulator or EPA registered adulticide insecticides, or both, in a uniform band at least 1 foot up and 1-4 feet out from foundation. To maintain population control, it is advisable to maintain a year-round treatment program.

<b>Pests</b>	<b>Use Sites</b>	<b>Application Method</b>	<b>Application Rate</b>	<b>Use Directions and Restrictions</b>
Control of Litter Beetles (Such as Darkling, Hide and Carrion Beetles)	Litter, General Surface Application (Including Broadcast, Spot and Crack & Crevice, and Perimeter)	Low Pressure Sprayer or Similar Application	1 oz. in a sufficient amount of water (minimum of 1 gal.) to cover 1,000 ft <sup>2</sup>	Do not contaminate food/feed or water.  Apply N & P Regulator uniformly to surface to achieve thorough coverage. Repeat application after each grow-out or sanitization procedure.

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## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store upright at room temperature. Avoid exposure to extreme temperatures. Store in a locked area out of reach of children and domestic animals. In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste.

**Pesticide Disposal:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for Guidance.

**Container Disposal:** **If empty** - Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. If recycling is not available; then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**If partly filled:** Call your local solid waste agency for disposal instructions. Unless otherwise instructed, place in trash. Never pour unused product down the drain or on the ground.

### [Commercial Language]

**For Bulk containers: (Refillable Container)** Refill this container with pesticides only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the re-filler. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

## LIMITATION OF WARRANTY AND LIABILITY

**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Control Solutions, Inc. or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Control Solutions, Inc. and Seller harmless for any claims relating to such factors.

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Control Solutions, Inc., and Buyer and User assume the risk of any such use. **CONTROL SOLUTIONS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

**IT IS CONTROL SOLUTIONS INC., AND SELLERS INTENTION THAT** in no event shall Control Solutions or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF CONTROL SOLUTIONS, INC., AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES**



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**(INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF CONTROL SOLUTIONS, INC. OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

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Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

**[OPTIONAL MARKETING STATEMENTS: [] indicates alternate or optional wording]**

[Intended For Pest Control Operators and Commercial Use Only]

[Emulsifiable Concentrate with Insect Growth Regulator for Control of Fleas, Stored Product Pests, Listed Roaches, Crickets, Litter Beetles, and Flying Insects]

[For use in the home and in Food and Non-food areas of Restaurants, Food Processing Plants, Food and Non-Food Warehouses, Grocery Stores and Supermarkets, Schools, Office Buildings, Apartments, Hotels and Motels, Hospitals, Tobacco Plants and Warehouses, Manufacturing Plants, Commercial and Industrial Buildings, Transportation Equipment [Automobiles, Boxcars, Buses, Boats, Trucks, Railcars, Ship Cargo Holds], and outside on Lawns and Building Perimeters.]

[N + P Regulator stops [prevents] the flea and certain listed cockroaches from developing into egg laying adults]

[N + P Regulator keeps working in areas exposed to the sun for up to 14 days]

[Continuous protection against stored product pests for 3 months]

[Labeled for use in food areas of food handling establishments.]

[Labeled for Spot, Crack and Crevice, and Fogging use in food-handling establishments.]

[Inhibits reinfestation by fleas for up to [210 days] [30 weeks] [7 months]]

[If adult fleas are introduced from untreated areas, their offspring will not become biting [reproductive] adult]

[Kills pre-adult [larval] fleas, including eggs for up to [210 days] [30 weeks] [7 months]]

[Prevents larval fleas from developing into the biting adult stage]

[Prevents [stops] hatching fleas [pre-adult (larval) fleas] [eggs (hatching eggs) (larvae)] from becoming full grown (developing into) biting adults]

[One treatment works for up to [210 days] [30 weeks] [7 months] against hatching fleas (pre-adult (larval) fleas) (eggs (hatching eggs) (larvae))]

[Prevents [new] [tomorrow's] fleas from growing up to bite]

[N + P Regulator activity keeps working for up to [210 days] [30 weeks] [7 months]]

[Effective long-term control]

[Controls [stops] [kills] [prevents] immature stages of fleas.]

[Prevents [stops] the emergence of adult fleas]

[Flea eggs deposited on treated areas will not develop into adult fleas]

[Larvae crawling onto treated areas will not develop into adult fleas]

[N + P Regulator acts on the immature life stage of the flea, preventing it from developing into biting adults]

[Prior to the flea season, previously known infested areas can be pretreated to reduce the developing population]

[N + P Regulator can be used alone or in combination with other EPA registered insecticides]

[N + P Regulator is photostable for up to 14 days, providing residual control of outdoor pests such as fleas and cockroaches, even in areas with direct sunlight]

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[Reduces egg production in houseflies and prevents development of larvae (maggots) into adults]  
[Effectively breaks certain listed cockroach life cycle]  
[N + P Regulator keeps working on listed cockroaches for up to [180 days] [26 weeks] [6 months]]  
[Interrupts [break] the life cycle of listed cockroaches]  
[Inhibits reinfestation by listed cockroaches for [180 days] [26 weeks] [6 months]]  
[Effectively controls [eliminates] listed cockroach populations by preventing reproduction [thereby eliminating future generations]  
[Prevents [stops] [inhibits] listed nymphal cockroaches from becoming adults [breeding adults]  
[reproductive adults] [egg laying adults]]  
[One treatment stops listed cockroaches from generating reproductive offspring for up to [180 days] [26 weeks] [6 months]]  
[For control of Fleas, Listed Roaches, Crickets & Flying Insects (such as Mosquitoes & Gnats)]  
[Combination Chemistry™ [from Control Solutions][, Inc.]]  
[Insect Growth Regulator [Concentrate]]  
[Treats up to 24,000 square feet [for use only on one pint [16 fl.oz.] size]  
[For [indoor] [or] [outdoor] use]  
[N + P Regulator contains two active ingredients]  
[N + P Regulator contains two actives]  
[Contains [Novaluron] [and] [Pyriproxyfen]]  
[Dual active [ingredient] formulation]  
[N + P Regulator, the [less than] twice a year flea treatment]  
[Two applications per year, keep fleas under control]  
[Disrupts the life cycle of fleas]  
[Combine N + P Regulator with a[n] [flea] adulticide for total control [of fleas]]

Revised 1/30/14